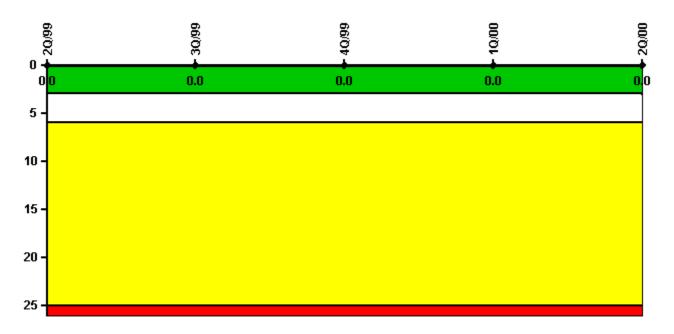
### **Point Beach 2**

#### 2Q/2000 Performance Indicators

Licensee's General Comments: none

## Unplanned Scrams per 7000 Critical Hrs

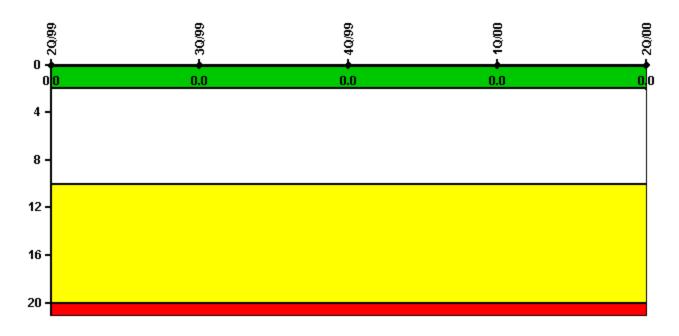


Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

#### Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Unplanned scrams	0	0	0	0	0
Critical hours	2183.0	2208.0	2209.0	2184.0	2086.5
Indicator value	0	0	0	0	0

## Scrams with Loss of Normal Heat Removal

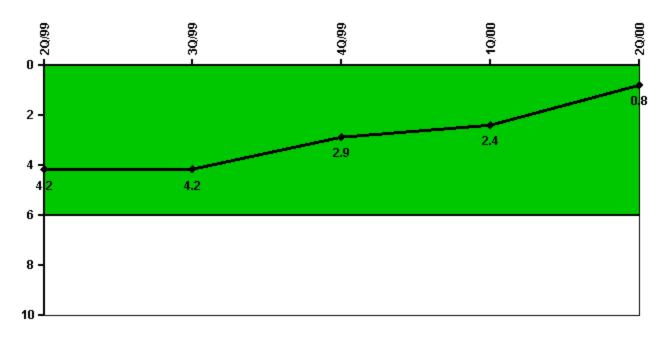


Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

Scrams with Loss of Normal Heat Removal	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Scrams	0	0	0	0	0
Indicator value	0	0	0	0	0

# Unplanned Power Changes per 7000 Critical Hrs

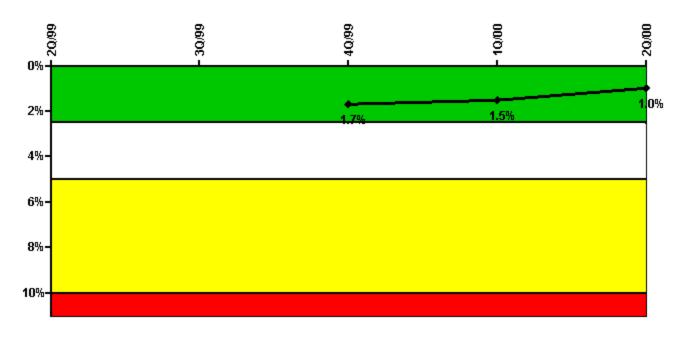


Thresholds: White > 6.0

### Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Unplanned power changes	2.0	1.0	0	0	0
Critical hours	2183.0	2208.0	2209.0	2184.0	2086.5
Indicator value	4.2	4.2	2.9	2.4	0.8

## Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

#### Notes

Safety System Unavailability, Emergency AC Power	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	0	0	0	54.10	29.20
Unplanned unavailable hours	0	0.30	0	14.28	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
Train 2					
Planned unavailable hours	0	0	0	12.73	18.87
Unplanned unavailable hours	0	1.00	0	0	3.28
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
Indicator value			1.7%	1.5%	1.0%

#### Licensee Comments:

2Q/00: 12/18/00: Identified that an error was made when changing from 4 trains to 2 trains. Moved 8.5 hours from fault exposure to its correct location of unplanned unavailable hours.

2Q/00: 12/18/00: Identified that an error was made when changing from 4 trains to 2 trains. Moved 8.5 hours from fault exposure to its correct location of unplanned unavailable hours. Engineering Review of all 2000 EAC data revealed time incorrectly reported (ex. incorrect time, math errors, incorrect classification). (4/18/01)

2Q/00: Per FAQ 194, changed report from 4 trains to 2 trains. Trains 1 and 2 are 2A05 and 2A06, respectively for all data since Q1/1997. 1996 data was deleted since it is not required. (10/14/00)

1Q/00: Engineering Review of all 2000 EAC data revealed time incorrectly reported (ex. incorrect time, math errors, incorrect classification). (4/18/01)

3Q/99: Revised 3/27/00. See comments 1Q97.

4Q/98: Revised 3/27/00. See comments for 1Q97.

4Q/97: Revised 3/27/00. See 1Q97 comments.

3Q/97: Revised 3/27/00. See 1Q97 comments.

2Q/97: Revised 3/27/00. See 1Q97 comments.

2Q/97: Revised 2Q/01 as a result of engineering review in April 2001 which identified 231 hours that should have been reported in May, 1997.

1Q/97: Revised 2Q/01 as a result of engineering review in April, 2001 which identified 13.6 fault exposure unavailable hours that should have been reported for February, 1997.

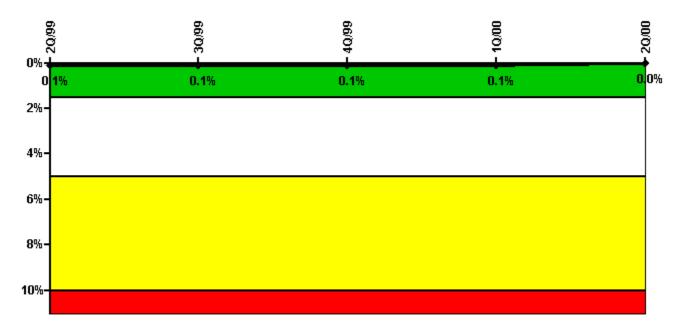
1Q/97: Revised on 3/27/00 due to errors in calculation methodology of original INPO data for 1Q97 and 2Q97. Other minor data entry errors also corrected on this date for 3Q97, 4q97, 4q98, and 3Q99.

4Q/96: Deleted 1996 data. See comment Q2/2000. (10/14/00)

3Q/96: Deleted 1996 data. See comment Q2/2000. (10/14/00)

2Q/96: Deleted 1996 data. See comment Q2/2000. (10/14/00)

## Safety System Unavailability, High Pressure Injection System (HPSI)



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

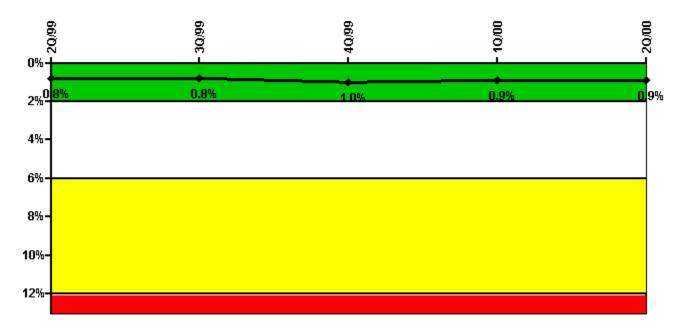
#### Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	0.60	0.90	0.50	0.50	0
Unplanned unavailable hours	0	0	0	0	0

Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2087.00
Train 2					
Planned unavailable hours	0.50	0.70	0.50	0.50	0
Unplanned unavailable hours	0	1.00	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2087.00
Indicator value	0.1%	0.1%	0.1%	0.1%	0%

Licensee Comments: none

# Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

#### Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	6.20	6.90	5.22	6.53	3.90
Unplanned unavailable hours	0	0	0	5.30	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
Train 2					
Planned unavailable hours	21.10	7.80	137.80	2.58	18.10

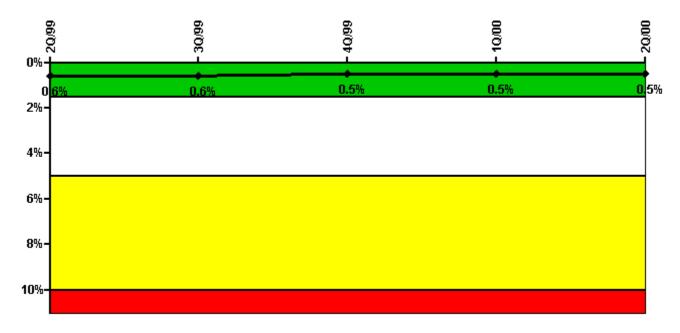
Unplanned unavailable hours	36.90	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
Train 3					
Planned unavailable hours	18.20	6.60	20.98	2.20	17.70
Unplanned unavailable hours	15.80	0	0	0	20.60
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
Indicator value	0.8%	0.8%	1.0%	0.9%	0.9%

#### Licensee Comments:

1Q/00: Data was revised due to the discovery of an error. The revision does not cause the indicator to change color.

4Q/99: The historical safety system unavailability was calculated using data collected for WANO using the WANO definitions. This data is nearly identical to the data that would be collected using the NRC definitions, except in the case of EAC unavailability. Due to the amount of time necessary to recreate the data for this indicator, we are reporting the data based on the WANO definitions for the historical data, and will begin using the NRC definitions for 1st quarter, 2000, data.

## Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

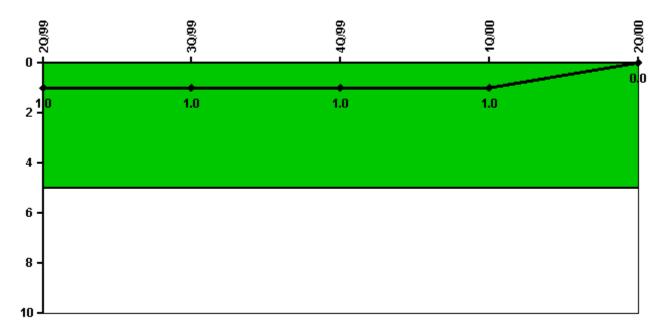
#### Notes

Safety System Unavailability, Residual Heat Removal System	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	2.70	2.00	3.80	1.00	22.00

Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
Effective Reset hours	2102.00	ــــــــــــــــــــــــــــــــــــــ	0	0	0
Fault exposure hours	С	0	0	0	0
Unplanned unavailable hours	С	0	0	0	0
Planned unavailable hours	3.50	1.10	3.60	0.70	0
Train 2					
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
Effective Reset hours	С	0	0	0	0
Fault exposure hours	С	0	0	0	0
Unplanned unavailable hours		9.00	0.70	0	0

Licensee Comments: none

# Safety System Functional Failures (PWR)

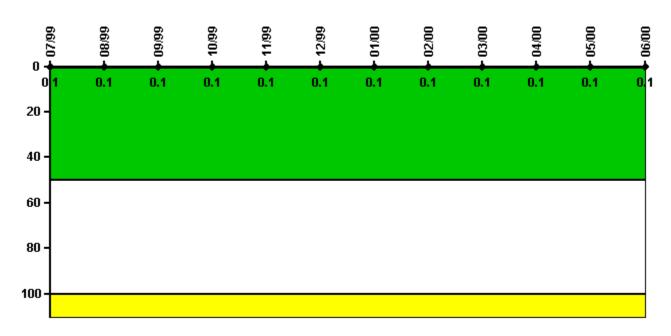


Thresholds: White > 5.0

#### Notes

Safety System Functional Failures (PWR)	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Safety System Functional Failures	1	0	0	0	0
Indicator value	1	1	1	1	0

# **Reactor Coolant System Activity**

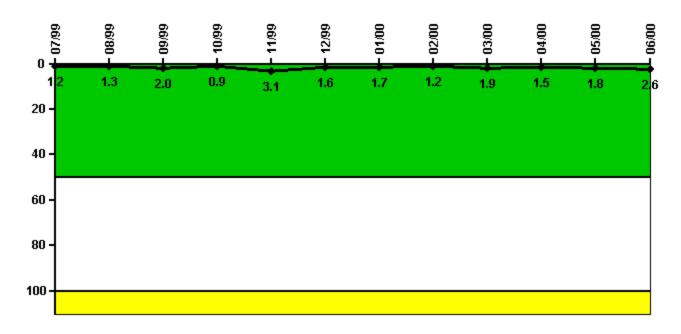


Thresholds: White > 50.0 Yellow > 100.0

### Notes

Reactor Coolant System Activity	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00
Maximum activity	0.000466	0.000470	0.000484	0.000523	0.000473	0.000517	0.000543	0.000593	0.000621	0.000653	0.000601	0.000579
Technical specification limit	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

# Reactor Coolant System Leakage

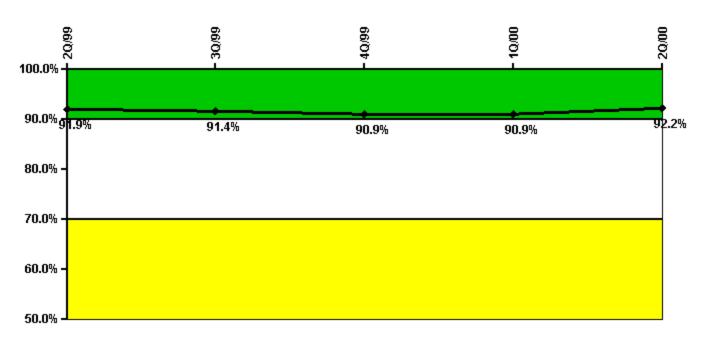


Thresholds: White > 50.0 Yellow > 100.0

### Notes

Reactor Coolant System Leakage	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00
Maximum leakage	0.120	0.134	0.204	0.087	0.310	0.161	0.167	0.120	0.190	0.150	0.182	0.257
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.2	1.3	2.0	0.9	3.1	1.6	1.7	1.2	1.9	1.5	1.8	2.6

### **Drill/Exercise Performance**

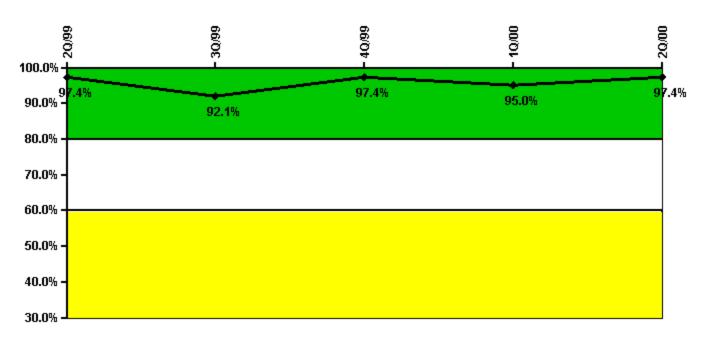


Thresholds: White < 90.0% Yellow < 70.0%

### Notes

Drill/Exercise Performance	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Successful opportunities	11.0	6.0	16.0	0	14.0
Total opportunities	12.0	7.0	18.0	0	14.0
Indicator value	91.9%	91.4%	90.9%	90.9%	92.2%

# **ERO Drill Participation**

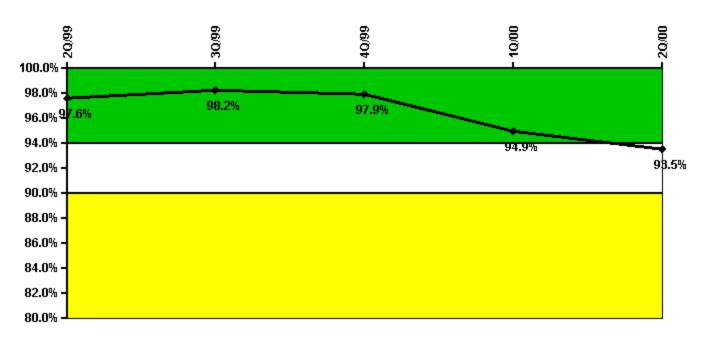


Thresholds: White < 80.0% Yellow < 60.0%

### Notes

ERO Drill Participation	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Participating Key personnel	38.0	35.0	38.0	38.0	38.0
Total Key personnel	39.0	38.0	39.0	40.0	39.0
Indicator value	97.4%	92.1%	97.4%	95.0%	97.4%

### **Alert & Notification System**



Thresholds: White < 94.0% Yellow < 90.0%

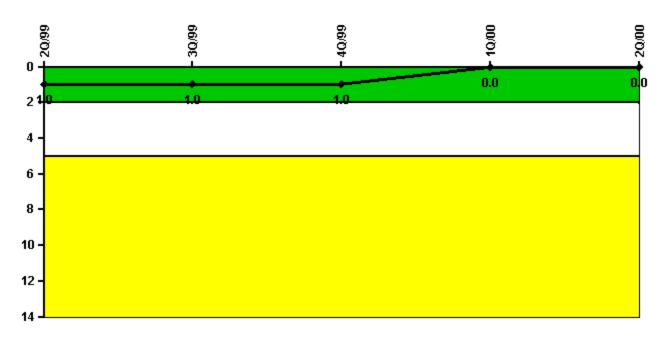
#### Notes

Alert & Notification System	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Successful siren-tests	83	82	82	72	78
Total sirens-tests	84	84	84	84	84
Indicator value	97.6%	98.2%	97.9%	94.9%	93.5%

#### Licensee Comments:

2Q/00: An additional software/programming error with the new telemetry system was encountered on May 3. This problem caused six sirens to fail the May 3 test. We revised the software and hardware installing May 22/23. During extensive testing on May 24 the sirens were 100%. The decline in this performance indicator since fourth quarter 1999 is all attributable to the installation of new software and hardware associated with the remote telemetry system. As of May 24 the installation is considered complete (except for receipt of documentation) and no further telemetry induced siren malfunctions are anticipated. As the sirens themselves achieved 98%+ operability when manually verified (prior to January 2000), and the telemetry system is now reliable, this performance indicator is expected to steadily improve.

# Occupational Exposure Control Effectiveness

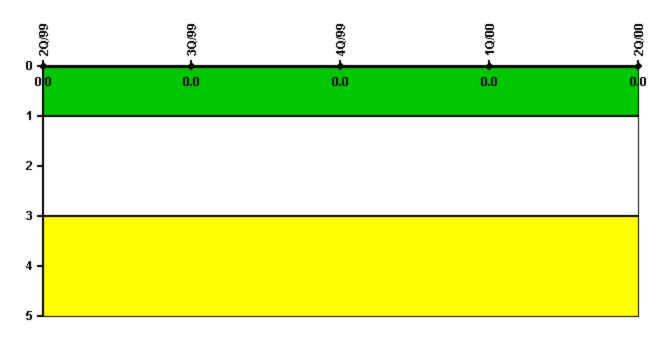


Thresholds: White > 2.0 Yellow > 5.0

### Notes

Occupational Exposure Control Effectiveness	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
High radiation area occurrences	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0
Indicator value	1	1	1	0	0

# **RETS/ODCM Radiological Effluent**

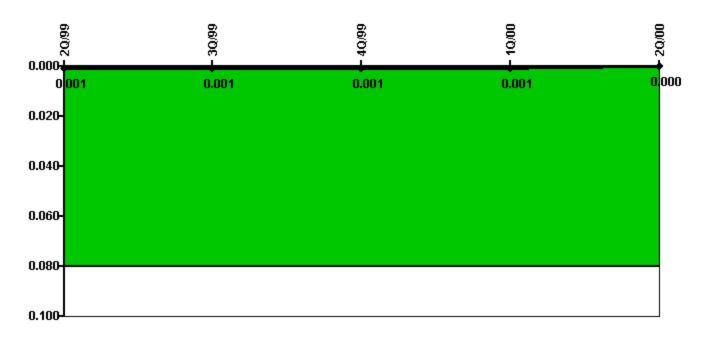


Thresholds: White > 1.0 Yellow > 3.0

### Notes

RETS/ODCM Radiological Effluent	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
RETS/ODCM occurrences	0	0	0	0	0
Indicator value	0	0	0	0	0

## **Protected Area Security Performance Index**



Thresholds: White > 0.080

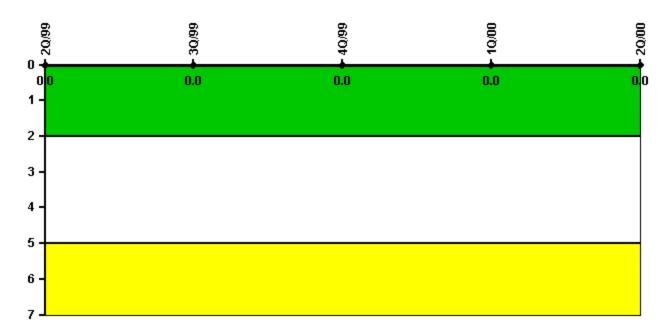
#### Notes

Protected Area Security Performance Index	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
IDS compensatory hours	7.50	0	8.60	0	0
CCTV compensatory hours	0	0	0.4	0	0
IDS normalization factor	1.20	1.20	1.20	1.20	1.20
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	0.001	0.001	0.001	0.001	0

#### Licensee Comments:

2Q/00: Engineering evaluation indicated a need to upgrade the intrusion detection and assessment systems. A modification package was initiated in October, 1997, and was approved in May, 1998. Typical compensatory hours for the IDS system that occurred since May, 1998, are not counted in this indicator as allowed by the NEI 99-02 Rev 0 guidance.

# **Personnel Screening Program**

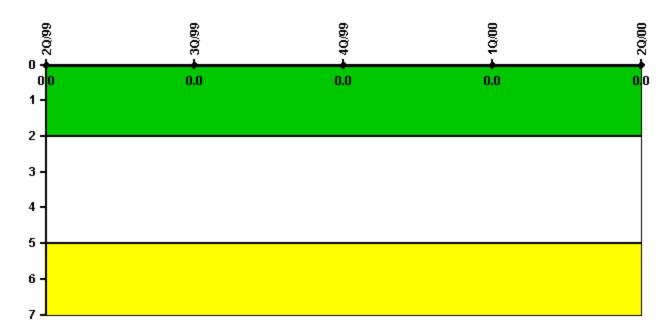


Thresholds: White > 2.0 Yellow > 5.0

### Notes

Personnel Screening Program	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Program failures	0	0	0	0	0
Indicator value	0	0	0	0	0

## FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

#### Notes

FFD/Personnel Reliability	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Program Failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

A PI Summary | Inspection Findings Summary | Reactor Oversight Process

Last Modified: April 1, 2002